

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Munif Farhan Halloush, Christiaan Steenbergen, Steve Kutz		
Assignee:	Dell Products L.P.		
Title:	Method and System for Setting Optical Drive Write Speed		
Serial No.:	10/688,237	Filed:	October 18, 2003
Examiner:	Tawfik A. Goma	Group Art Unit:	2655
Docket No.:	DC-03112	Customer No.:	33438

Austin, Texas
September 28, 2006

COMMISSIONER FOR PATENTS
PO BOX 1450
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RESPONSE TO NON-FINAL OFFICE ACTION

Dear Sir:

This paper is responsive to the Office action dated July 10, 2006, having a shortened statutory period expiring October 10, 2006. Further examination and reconsideration are respectfully requested in view of the amendments and remarks set forth below.

AMENDMENTS

In the Claims

1. (Original) An information handling system comprising:
information processing components operable to generate information for storage;
an optical drive interfaced with the processing components and operable to accept the
information for storage and to write the information to an optical medium
according to a write strategy having a write speed;
a write strategy table associated with the optical drive and having plural optical medium
identification codes, each optical medium identification code having an associated
write strategy;
a general write strategy table associated with the optical drive and having plural
preassigned optical medium identification codes, each preassigned optical
medium identification code associated with one of plural general write strategies;
a write strategy module operable to read an optical medium identification code from an
optical medium and to provide the optical drive with the associated write strategy,
the write strategy module further operable to read a preassigned optical medium
identification code and to provide the optical drive with the associated general
write strategy.
2. (Currently Amended) The information handling system of Claim 2 1 further
comprising a generic write strategy associated with unknown optical medium identification
codes, wherein the write strategy module is further operable to read an unknown optical medium
identification code and to provide the optical drive with the generic write strategy associated
with unknown identification codes.
3. (Original) The information handling system of Claim 1 wherein each preassigned
optical medium identification code is preassigned by optical media manufacturer and associated
with a write strategy for writing information with the optical disc drive to an optical medium of
the optical media manufacturer.

4. (Original) The information handling system of Claim 3 wherein each preassigned optical medium identification code is associated with an optical medium identification code of the write strategy table.

5. (Original) The information handling system of Claim 3 wherein each preassigned optical medium identification code general write strategy comprises a write speed and wherein the optical drive writes the information at the lesser of the write speed or the maximum speed of the optical drive.

6. (Original) The information handling system of Claim 1 wherein the optical medium identification codes comprise ATIP start codes.

7. (Original) The information handling system of Claim 1 wherein the optical disc drive comprises a DVD disc drive.

8. (Original) A method for writing information to an optical medium from an optical disc drive, the method comprising:
associating optical medium identification codes with optical media having write strategies for writing information from the optical disc drive to the optical media, each write strategy having plural write parameters;
preassigning optical medium identification codes for optical media lacking write strategies for writing information from the optical disc drive to the optical medium;
associating general write strategies with the preassigned optical medium identification code, the general write strategies having one or more parameters of write strategies associated with an optical media having a write strategy; and
storing the optical medium identification codes and write strategies for access by the optical disc drive to write information to optical media.

9. (Original) The method of Claim 8 further comprising associating a generic write strategy with unknown optical medium lacking an assigned or preassigned optical medium identification code.

10. (Original) The method of Claim 9 further comprising:
reading an optical medium identification code from an optical medium with the optical disc;
determining that the optical medium identification code is a preassigned optical medium identification code; and
writing information to the optical medium with the general write strategy associated with the preassigned optical medium identification code.
11. (Original) The method of Claim 10 wherein the general write strategy parameters comprise write speed, the method further comprising:
comparing the general write speed with the optical drive maximum write speed; and
writing the information at the lesser of the general write speed and the optical drive maximum write speed.
12. (Original) The method of Claim 8 wherein preassigning optical medium identification codes further comprises:
preassigning optical medium identification codes by optical media manufacturer; and
associating one or more write strategy parameters with a preassigned optical medium identification code according to a time stamp appended to the identification code.
13. (Original) The method of Claim 8 wherein the write strategy parameter comprises write speed.
14. (Original) The method of Claim 8 wherein the optical medium identification code comprises an ATIP start code.
15. (Original) A method for configuring an optical disc drive to write information to optical media, the method comprising:
preassigning optical medium identification codes to optical media manufacturers;
associating design parameters of a planned optical media with the preassigned optical medium identification codes;

communicating the preassigned optical medium identification codes and associated design parameters to optical disc drive manufacturers;
building optical disc drives to recognize the preassigned optical medium identification codes and write information with general write strategies according to the design parameters;
releasing optical media having the preassigned optical medium identification codes; and
writing information from an optical disc drive to the released optical media with the general write strategy associated with the preassigned optical medium identification code.

16. (Original) The method of Claim 15 wherein the design parameter comprises optical disc drive write speed.

17. (Original) The method of Claim 15 wherein the design parameters comprise similarities with one or more existing optical medium of the manufacturer.

18. (Original) An optical disc drive comprising:
a write strategy table having plural optical medium identification codes, each optical medium identification code having an associated write strategy; and
a write strategy module operable to read an optical medium identification code from an optical medium and select the write strategy associated with the identification code from the write strategy table for writing information to the optical medium;
wherein at least one optical medium identification code comprises a preassigned optical medium identification code associated with an optical medium planned for development at the time of manufacture of the optical disc drive, the planned optical medium having design parameters.

19. (Original) The optical disc drive of Claim 18 wherein the design parameters comprise write speed for writing information to the optical medium.

20. (Original) The optical disc drive of Claim 18 wherein the preassigned optical medium identification code is preassigned by optical medium manufacturer and wherein the design parameters relate to an existing optical medium of the optical medium manufacturer.

REMARKS

Claims 1 - 20 are pending in the application. Claim 2 stands objected to due to informalities. Applicants have amended Claim 2 to address this rejection. Claims 1-4, 6, 8-10, 12, 14, 15, 17, 18 and 20 stand rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 6,381,202 issued to Shimoda. Claims 5, 7, 11, 13, 16 and 19 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Shimoda in view of U.S. Publication No. 2002/0105874 issued to Matsumoto. Applicants respectfully traverse.

Shimoda discloses comparing common disc type information recorded on a disc with dedicated disc type information read from ROM of an optical drive to determine if the disc manufacturer has changed the recording characteristics of the disc (9:11-28).

Claim 1 recites, in part, “a general write strategy table associated with the optical drive and having plural preassigned optical medium identification codes, each preassigned optical medium identification code associated with one of plural general write strategies.”

Claim 8 recites, in part, “preassigning optical medium identification codes for optical media lacking write strategies for writing information from the optical disc drive to the optical medium.”

Claim 15 recites, in part, “building optical disc drives to recognize the preassigned optical medium identification codes and write information with general write strategies according to the design parameters.”

Shimoda cannot anticipate Claims 1, 8 and 15 because Shimoda fails to teach, disclose or suggest all elements recited by Claims 1, 8 and 15. For example, Shimoda fails to teach, disclose or suggest “a general write strategy table associated with the optical drive and having plural preassigned optical medium identification codes” as recited by Claim 1, “preassigning optical medium identification codes for optical media” as recited by Claim 8, or “building optical disc drives to recognize the preassigned optical medium identification codes and write information with general write strategies according to the design parameters” as recited by Claim 15. Accordingly, Applicants respectfully request that the Examiner withdraw the rejections of

Claims 1, 8 and 15, as well as Claims 2-7, 9-14 and 16-20 which depend from Claims 1, 8 and 15 respectively.

CONCLUSION

In view of the amendments and remarks set forth herein, the application is believed to be in condition for allowance and a notice to that effect is solicited. Nonetheless, should any issues remain that might be subject to resolution through a telephonic interview, the examiner is requested to telephone the undersigned.

I hereby certify that this correspondence is being electronically submitted to the COMMISSIONER FOR PATENTS via EFS on September 28, 2006.

/Robert W. Holland/

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Respectfully submitted,

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